



US EPA RECORDS CENTER REGION 5



466126

## Minnesota Pollution Control Agency

JUL 13 1981

St. Louis County Health Department  
504 East Second Street  
Duluth, Minnesota 55805

Attention: Dale M. Schroeder, Director  
Environmental Health

Dear Sir:

In accordance with your request of May 12, 1981 to the Minnesota Pollution Control Agency (MPCA) to dispose of Irathane Systems, Incorporated's nonhazardous industrial waste resulting from the production of polyurethanes, Agency approval is hereby granted to the Hibbing Sanitary Landfill, SW-161, located at Section 23, T57N, R21W, City of Hibbing, in St. Louis County to accept those wastes described below.

Agency approval is subject to the conditions as outlined herein. The nonhazardous industrial wastes approved for disposal are limited to the following types, quantities, and frequencies:

1. cured rubber scraps (200 pounds/week)
2. pails with residual rubber adhesive (1-5 gallons/week plus 30 pails presently at company)
3. floor sweepings
4. fiberboard boxes
5. empty silicon dioxide bags (12-18/week)
6. lab solid wastes - cured urethane (45 cubic feet/week)
7. solid urethane pieces (72 cubic feet/week plus 128-55 gallon drums and 2,375 gallons of neutralized kits presently at site)

Phone (612) 297-3366

1935 West County Road B  
Regional Office - Duluth  
Equal Opportunity

8. damaged empty 55-gallon drums containing:

- a) neutralized toluene diisocyanate and methane diisocyanate (approximately 40 drums)
- b) 1, 4 butanediol residue (approximately 5/year)
- c) ethylene glycol residue (approximately 5/year)
- d) solidified saturated hydroxyl terminated polyether and polyester resin waste (approximately 5/year)
- e) triple-rinsed solvent drums (approximately 5/year)

NOTE: All drums contain less than one (1) inch of residue on the bottom of the drum and will be disposed only if no other disposal option can be feasibly pursued (e.g., reconditioning or scrap metal.)

- 9. full or partially full 55-gallon drums of solidified polyether and polyester resin waste (1 55-gallon drum/week plus 77 drums presently at company)
- 10. equipment flush solid urethane (1-55 gallon drum/week plus 340 drums presently at company.)

The wastes authorized for disposal shall only be deposited in a separate area set aside by the landfill permittee. The location of the separate area shall be in the southeast corner of the landfill in approximately the southern one-third of phases 2-A and 2-B as designated in the April 15, 1981 "Revised Development Plan" for the Hibbing Area Sanitary Landfill. The waste shall be deposited in the special area, compacted, and covered immediately with six (6) inches of on-site cover material. The landfill permittee shall record the location, amount, and type of waste disposed for each volume disposed at the landfill. It is the responsibility of the landfill operator to verify that the material received is only the waste that has been authorized to be disposed. The amounts of waste received and the method of disposal are to be reported on the quarterly operation report submitted to the Agency. In addition, Irathane shall punch a hole in each drum prior to disposal. Irathane shall dispose

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of the above wastes on a one-day-per-week basis and shall notify MPCA regional staff and St. Louis County health officials by telephone two days prior to the day of disposal. Regional staff may then be present to oversee any disposal at the landfill. If you have any questions, please contact Kenneth H. Podpeskar of my staff at (612) 297-3366.

Sincerely,

Dale L. Wikre  
Director  
Solid and Hazardous Waste Division

DLW/KHP:lmj

cc: William J. Valeri, President, Irathane Systems, Incorporated,  
Hibbing, Minnesota  
John Pegors, MPCA, Region I, Duluth, Minnesota